

Product datasheet for **RN204644**

Adm2 (NM_201426) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adm2 (NM_201426) Rat Untagged Clone
Tag: Tag Free
Symbol: Adm2
Synonyms: lmd
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204644 representing NM_201426
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCCAGTTGCTGATGGTCACGGTAACCTTCGGTTGCATCAGCCTCCTACCTGCTCCCGGGCAGGC
TGCTTGCCAGCCTGGGTAAGGGACTGAGACCCAGAGAACCCCAAGATTCTTCCAGCGGCCACACA
GCCTGGACACCCCTCACTTCGGCTGTAGTCTGGAAGCCTCCACATGCTCTCCAGCCACAGGAAGGGGC
AACCCGGCCCTTGTACGGTTCACTGCCTCAGGGTGGTGGCTCAGCACCCAGGTCCCCAGCGTCAGG
TGGGATCCCGAAGACCCATGCCAGCTCCTTCGGGTTGGCTGTGTCTGGGAACGTGTCAAGTCCAGAA
TCTCAGCCATCGCTGTGGCAACTGTCCGGCCAAGTGGCCGGCGGGACTCAGCTCCTGTGGATCCACAG
AGCCCCACAGTTATGGCTGA

ACGGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_201426
Insert Size: 441 bp
OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_201426.1</u> , <u>NP_958829.1</u>
RefSeq Size:	1042 bp
RefSeq ORF:	441 bp
Locus ID:	399475
UniProt ID:	<u>P61312</u>
Cytogenetics:	7q34
Gene Summary:	acts via calcitonin receptor-like receptor (CRLR) and receptor activity-modifying protein (RAMP) protein complexes to induce cAMP production; decreases blood pressure; suppresses gastric emptying activity and food intake [RGD, Feb 2006]